

Amendments to the Specification:

Please replace paragraph [01], at page 1 of the above application with the following rewritten paragraph:

[01] This application makes reference to and claims priority to the following co-pending U.S. Patent Applications. The first application is U.S. Patent Application No. 10/001,189, entitled "Methods and Compositions for Transposition Using Minimal Segments of the Eukaryotic Transformation Vector *PiggyBac*," filed October 30, 2001, which claims priority to U.S. Provisional Patent Application No. 60/244,984, filed November 1, 2000, and U.S. Provisional Patent Application No. 60/244,667, filed on October 31, 2000. The second application is U.S. Provisional Patent Application No. 60/562,324, entitled "Methods and Compositions for Transposition Using Minimal Segments of the Eukaryotic Transformation Vector *PiggyBac*," filed April 15, 2004, Attorney Docket No. UNND-0061-4. The entire disclosure and contents of the ~~four~~ five above-identified applications are hereby incorporated by reference.

Please replace paragraph [15], at page 4 of the above application with the following rewritten paragraph:

[15] According to a first broad aspect of the present invention, there is provided a DNA molecule comprising at least 163 consecutive nucleotide base pairs of the 3' terminal region beginning at the 3' terminal base pair, and at least 125 consecutive nucleotide base pairs of the 5' terminal region beginning at the 5' terminal base pair of the ~~*piggyback*~~ *piggyBac* molecule, the region extending from the restriction site *SacI* to the end of the *piggyBac* ~~*piggyback*~~ molecule.

Please replace paragraph [148], at page 38 of the above application with the following rewritten paragraph:

[148] Hediger M, Niessen M, Wimmer EA, Dubendorfer A, Bopp D (2001) Genetic transformation of the housefly *Musca domestica* with the *Lepidopteran* derived transposon piggyBac ~~piggyback~~, *Insect Mol. Biol.*, 10(2): pp. 113-9.

Please replace paragraph [166], at page 40 of the above application with the following rewritten paragraph:

[166] Mandrioli M, Wimmer EA (2002) Stable transformation of a *Mamestra brassicae* (*Lepidoptera*) cell line with the *Lepidopteran*-derived transposon piggyBac ~~piggyback~~, *Insect Biochem. Mol. Biol.*, 33(1): pp. 1-5.